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November 10, 2005

Ms. Adrienne C. Johnstone, Examiner
Art Unit 1733
Application No. 10/674,989.
Applicant – Frederick Forbes Vannan

Subject: Response to Office Action Summary dated October 27, 2005

I am electing inventions of Group II (reference paragraph 2) describing a liquid elastomer tire made by a method including holding the reinforcement cords, wires and/or cables in position within a tire molding cavity while liquid elastomer is poured or injected around it and subsequently solidifies, classified in class 152, subclass 151

I am also electing the species of the claimed invention (reference paragraph 8): a liquid elastomer made by the method and apparatus according to the embodiment of Figures 6A-8 (single stage molding inside the tire mold, specification p.5, line 11, p.12, line 17).

The claims included in these elections are the following: Claims 15, 17, 18, 19, 21, 24, 26, 27, 28, 30.

If the elected inventions, regarding the reinforced liquid elastomer tire are allowed, I would appreciate your rejoining non-elected claims 12 and 14 describing the method and process of manufacture of the articles in the elected claims.

I would like to clarify differences between this application and prior art cited in paragraphs 6 and 7 of your first office action dated March 15, 2005.

Paragraph 6 discusses Vannan, Jr. (4,231,410). Claim 1 defines “a pre-shaped plastic reinforcing member”. Claim 3 defines “a unitary pre-shaped plastic member molded in the shape of a tire”: Claim 2 is dependant on Claim 1. Claims 4, 5, 6, and 7 are dependant on Claim 3. The Abstract states “A method of forming a ply by injection molding a fluid material such as polyester or polyamide and congealing to form a ply or plies.”

Application 10/674,989 does not include the molded ply or plies of Vannan, Jr. (4,231,410) but does utilize plies, belts and beads made from all traditional and proven textile and/or metallic fibers and/or cables.